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10/517,860	12/14/2004	Etienne Annic	5284-49PUS	8998

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EXAMINER	
IQBAL, KHAWAR	

ART UNIT	PAPER NUMBER
2617	

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Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No.	Applicant(s)	
	10/517,860	ANNIC, ETIENNE	
	Examiner	Art Unit	
	Khawar Iqbal	2617	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE *03* MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *21 May 2007*.

2a)☒ This action is **FINAL**. 2b)☐ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1-6* is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *1-6* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a)☐ All b)☐ Some * c)☐ None of:

1.☐ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☐ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☐ Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date _____.
4) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ .
5) ☐ Notice of Informal Patent Application
6) ☐ Other: _____.

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless –
>
> (e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1-6 are rejected under 35 U.S.C. 102(e) as being anticipated by Hahn (20040166843).

3. Regarding claim 1 Hahn a system for managing a set of architectures of a terminal (MT 7) dedicated to a plurality communications networks (2,3), each of said plurality of communications networks having an associated addressing scheme (abstract), said terminal including at least one user interface, which system is characterized in that, connections to said communications networks (2,3) being set up via a mobile network (7), said system comprises (figs. 1,2)

at least one dedicated architecture manager integrated into said terminal (MT 7), configured to manage independently all of said architectures dedicated to said communications networks (2,3) (para. 0010,0013), and configured to process simultaneously the operation of said terminal (MT) when connected to a plurality of said communications networks, configured to manage separately simultaneous connections with a plurality of said communications networks (para. 0015,0021,0043), and

configured to manage independently a plurality of said communications networks after receiving a non-unique address (IP address) via the associated addressing scheme from each of said networks connected to the terminal (para. 0043-0044).

Regarding claim 2 Hahn teaches at least one network interface whose parameters that are set by an address for identifying said terminal in said communications networks that is sent by said dedicated architecture manager and comes from said communications networks (para. 0043).

Regarding claim 3 Hahn teaches architectures dedicated to one of said communications networks is independent of the other dedicated architectures of said terminal (para. 0043).

Regarding claim 4 Hahn teaches user interface of the terminal provides access to at least one architecture dedicated to one of said communications networks (para. 0043-0044).

Regarding claim 5 Hahn teaches which manager is characterized in that it comprises at least transceiver means for communicating with at least one of said communications networks processing means for managing simultaneous access to said plurality of communications networks by said terminal means for selecting an architecture dedicated to one of said communications networks and transmission means with at least one dedicated architecture of said terminal (para. 0015,0021,0043, 0043-0044).

Regarding claim 6 Hahn teaches a method of managing on a terminal a set of dedicated architectures dedicated to the plurality of communications networks, said

terminal including at least one user interface, which method is characterized in that, connections to said communications networks being set up via a mobile network, said method includes the steps of (figs. 1,2):

setting up a connection between said terminal and the plurality of communications networks via said mobile network in at least one dedicated architecture manager (fig. 2, para. 0015,0021,0043, 0043-0044), receiving at least one address coming from each of said communications networks connected to said terminal in said dedicated architecture manager of said terminal, said dedicated architecture manager in said terminal selecting a dedicated architecture for each of said communications network sending said address to said dedicated architecture selected by said dedicated architecture manager (para. 0015,0021,0043, 0043-0044), setting parameters of said address at a network interface in said architectures dedicated to said communications network accessing at least one dedicated architecture via said user interface of said terminal, setting up and managing separately by means of said dedicated architecture manager at least one simultaneous connection to said plurality of communications networks processing the independent management of all said architectures dedicated to said communications networks (para. 0015,0021,0043, 0043-0044) processing the simultaneous management of a plurality of communications networks connected to said terminal and independently managing a plurality of said communications networks after receiving a non-unique address from each of said networks connection to said terminal (para. 0015,0021,0043, 0043-0044).

4. Claims 1-6 are rejected under 35 U.S.C. 102(e) as being anticipated by Sugirtharaj et al (20020110097).

5. Regarding claim 1 Sugirtharaj et al teaches a system for managing a set of architectures of a terminal dedicated to a plurality communications networks (16,17,18), each of said plurality of communications networks having an associated addressing scheme, said terminal including at least one user interface, which system is characterized in that (fig. 1), connections to said communications networks (16,17,18) being set up via a mobile network (10), said system comprises (fig. 1) at least one dedicated architecture manager integrated into said terminal (MS, C1, C2), configured to manage independently all of said architectures dedicated to said communications networks(16,17,18) (para. 0019-0020), and configured to process simultaneously the operation of said terminal (MS) when connected to a plurality of said communications networks, (16,17,18) configured to manage separately simultaneous connections with a plurality of said communications networks (fig. 1, para. 0019-0021), and configured to manage independently a plurality of said communications networks after receiving a non-unique address via the associated addressing scheme from each of said networks connected to the terminal (fig. 3, para. 0019-0021).

Regarding claim 2 Sugirtharaj et al teaches at least one network interface whose parameters that are set by an address for identifying said terminal in said communications networks that is sent by said dedicated architecture manager and comes from said communications networks (para. 0019-0021).

Regarding claim 3 Sugirtharaj et al teaches architectures dedicated to one of said communications networks is independent of the other dedicated architectures of said terminal (fig. 3, para. 0019-0021).

Regarding claim 4 Sugirtharaj et al teaches user interface of the terminal provides access to at least one architecture dedicated to one of said communications networks (fig. 1, para. 0019-0021).

Regarding claim 5 Sugirtharaj et al teaches which manager is characterized in that it comprises at least transceiver means for communicating with at least one of said communications networks processing means for managing simultaneous access to said plurality of communications networks by said terminal means for selecting an architecture dedicated to one of said communications networks and transmission means with at least one dedicated architecture of said terminal (fig. 1, para. 0019-0021).

Regarding claim 6 Sugirtharaj et al teaches a method of managing on a terminal a set of dedicated architectures dedicated to the plurality of communications networks, said terminal including at least one user interface, which method is characterized in that, connections to said communications networks being set up via a mobile network, said method includes the steps of (figs. 1,3):

setting up a connection between said terminal and the plurality of communications networks via said mobile network in at least one dedicated architecture manager (fig. 1, para. 0019-0021), receiving at least one address coming from each of said communications networks connected to said terminal in said dedicated architecture manager of said terminal, said dedicated architecture manager in said terminal selecting a dedicated architecture for each of said communications network sending said address to said dedicated architecture selected by said dedicated architecture manager (fig. 1, para. 0019-0021), setting parameters of said address at a network interface in said

architectures dedicated to said communications network accessing at least one dedicated architecture via said user interface of said terminal, setting up and managing separately by means of said dedicated architecture manager at least one simultaneous connection to said plurality of communications networks processing the independent management of all said architectures dedicated to said communications networks (figs. 1,3 para. 0019-0021) processing the simultaneous management of a plurality of communications networks connected to said terminal and independently managing a plurality of said communications networks after receiving a non-unique address from each of said networks connection to said terminal (para. 0019-0021).

Response to Arguments

6. Applicant's arguments filed 5-21-07 have been fully considered but they are not persuasive. Examiner has thoroughly reviewed applicant's arguments but firmly believes the cited reference to reasonably and properly meets the claimed limitations. Applicants argument was that "Sugirtharaj publications. Hahn and Sugirtharaj each fail to provide any explanation whatsoever with respect to the management of addresses of different communications networks that are received when a mobile terminal is simultaneously connected with several communications networks. In particular, Hahn and Sugirtharaj are silent with respect to the problem of receiving an identical address (i.e., a non-unique address) from two different communications networks, both of which are operating with the same addressing scheme". In response, examiner would like to point out that Hahn teaches the heterogeneous mobile radio system has at least a first (2) and a second (3) mobile radio network, each with an access node to a packet data

network, whereby the second mobile radio network's access node (5) can only be connected to the packet data network via the access node (4) of the first mobile radio network. The first mobile radio network is a 2G/3G network and the second mobile radio network is a local network, especially a WLAN. The **IP address** (i.e., a non-unique address) in the mobile radio system can be retained when changing between a first and a second mobile radio network. There is therefore no interruption between the applications, and the routing is considerably improved (para. # 0043-0044). Therefore, the rejections of the claims will remain. Additionally, the examiner has given the claim language its broadest reasonable interpretation. Although the claims are interpreted in light of the specification, limitations from the specification are not read into the claims. See *In re Van Geuns*, 988 F.2d 1181, 26 USPQ2d 1057 (Fed. Cir. 1993).

In response, examiner would like to point out that Sugirtharaj teaches when a mobile station (11) launches a new application through a first base station (16, first network), a multi-path context activator (19) in a radio network controller (15) determines whether the bandwidth required by the new application exceeds the bandwidth capacity of the radio interface portion of the first data transmission path. If the required bandwidth exceeds the bandwidth capacity of the radio interface portion, the radio network controller identifies a second base station (17, second network) that has the capacity to provide a portion of the radio interface bandwidth required. The mobile station then transmits separate data streams to the first and second base stations as over the radio interface (using both first and second network same address). The multi-path context activator combines the separate upstream data portions. For downstream packets, the

multi-path context activator separates the packets into two streams which are sent to a multi-path context activator in the mobile station via the first and second base stations (figs. 1,3 para. 0019-0021).

Conclusion

7. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the Examiner should be directed to Khawar Iqbal whose telephone number is (571) 272-7909.

If attempts to reach the Examiner by telephone are unsuccessful, the Examiner's supervisor, George Eng can be reached on (571) 272-7495. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published

applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free) or 703-305-3028.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist/customer service whose telephone number is (571) 272-2600.

Khawar Iqbal

GEORGE ENG
SUPERVISORY PATENT EXAMINER